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Docket No. 1731-4108IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Isaac Cohen

Group Art Unit: TBA

Serial No.: 09/684,850

Examiner: TBA

Filed: October 6, 2000

For: DRIVE CIRCUIT FOR SYNCHRONOUS RECTIFIERS

CERTIFICATE OF MAILING (37 C.F.R. §1.8(a))Commissioner for Patents  
Washington, D.C. 20231

Sir:

I hereby certify that the attached:

1. Information Disclosure Statement (in duplicate);
2. Form 1449;
3. Copies of Cited References; and
4. Return Receipt Postcard

along with any paper(s) referred to as being attached or enclosed and this Certificate of Mailing are being deposited with the United States Postal Service on date shown below with sufficient postage as first-class mail in an envelope addressed to the: Commissioner for Patents, Washington, D.C., 20231.



27123

PATENT TRADEMARK OFFICE

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: June 14, 2001

By: David V. Rossi  
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Docket No. 1731-4108

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Isaac Cohen

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231



27123

PATENT & TRADEMARK OFFICE

Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§1.56, 1.97 and 1.98. The items listed on Form PTO-1449, a copy of which is enclosed, are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

1. ☒ For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed:  
FR 2,608,857 A
2. ☐ For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.
3. ☐ Any copy of the items listed on the enclosed copy of Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in application Serial No. \_\_, filed \_\_.
4. ☒ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:
  - ☐ 37 C.F.R. §1.97(b)(1), within three months of the filing date of a national application other than a CPA; or
  - ☐ 37 C.F.R. §1.97(b)(2), within three months of the date of entry into the


national stage as set forth in §1.491 in an international application; or

- ☐ 37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits; or
- ☒ 37 C.F.R. §1.97(b)(4) before the mailing date of a first office action after the filing of an RCE under §1.114.
5. ☐ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a Notice of Allowance (where there has been no prior final action), and is accompanied by one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below.
6. ☐ A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a notice of allowance (where there has been no prior final action):
- ☐ A check in the amount of \$180.00 is enclosed in payment of the fee.
- ☐ Charge the fee to Deposit Account No. 13-4500, Order No. \_\_\_\_\_. A  
DUPLICATE COPY OF THIS SHEET IS ATTACHED.
7. ☐ A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by:
- a. one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below; and
- b. the fee due under 37 C.F.R. §1.17(p) which is paid as set forth in paragraph 11 below.
8. ☐ A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:
- a. ☐ 37 C.F.R. §1.313(b)(3) or §1.313(c)(1), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h);
- b. ☐ 37 C.F.R. §1.313(c)(2) or §1.313(c)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Request for Continued Examination (RCE) or a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h).

- c. ☐ . The fees due under 37 C.F.R. §§1.17(h) and 1.17(p) are paid as set forth in paragraph 11 below.
9. ☐ I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
10. ☒ . This document is accompanied by ☒ a Partial Search Communication and a Search Report ☐ Communication which were cited in a corresponding ☒ PCT or ☐ Foreign counterpart application. The Partial Search Report and Search Report are listed on the accompanying Form PTO-1449.
11. ☐ A check in the amount of \$ \_\_\_\_\_ is enclosed in payment of the fees due under 37 C.F.R. §§1.17(h) and 1.17(p).
- ☐ Charge the fees due under 37 C.F.R. §§1.17(h) and 1.17(p) to Deposit Account No. 13-4500, Order No. \_\_\_\_\_. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. 1731-4108. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: June 14, 2001

By:   
David V. Rossi  
Registration No. 36,659

Correspondence Address:

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FORM PTO-1449

## INFORMATION DISCLOSURE

Attorney Docket:  
1731-4108Serial No.:  
09/684,850Applicant:  
Isaac CohenFiling Date:  
October 6, 2000Group Art Unit:  
To Be Assigned

## U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
	4,857,822	08/1989	Tabisz et al.			
	4,922,404	05/1990	Ludwig et al.			
	5,528,482	06/1996	Rozman			
	5,721,483	02/1998	Kolluri et al.			
	5,872,705	02/1999	Loftus, Jr., deceased et al.			
	5,920,475	07/1999	Boylan et al.			
	5,999,417	12/1999	Schlecht			
	6,002,597	12/1999	Rozman			
	6,011,703	01/2000	Boylan et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Country	Class	Sub-Class	Translation
	2,608,857 A	06/1988	France			<input type="checkbox"/> Yes <input type="checkbox"/> No
	WO 98/54827 A	12/1998	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No

## OTHER DOCUMENTS (Including Author, Title, Date, etc.)

	PCT Communication Relating to the Results of the Partial International Search (PCT/US00/27897)
	PCT International Search Report (PCT/US00/27897)
	J.A. Cobos: "Self Driven Synchronous Rectification in Resonant Topologies: Forward ZVS-MRC, Forward ZCS-QRC and LCC-PRC."
	A. Vithanage et al.: "150W board mounted power supply module using highly compact and efficient synchronous rectifiers", IEEE, pp. 177-183, XP000873665
Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	